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virtualization "system resource" isolate OR isolation

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B Chun, D Culler, T Roscoe, A Bavier, L Peterson, ... - ACM SIGCOMM Computer Communication Review, 2003 - portal.acm.org

... 3.1.1 **Virtualization Virtualization** is implemented at the ... by leveraging the **isolation** already provided by ... Operating **system resource** limits are a secondary ...

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L Huang, G Peng, T Chiueh - ACM SIGMETRICS Performance Evaluation Review, 2004 - portal.acm.org

... required to effectively **isolate** these logical ... multi-dimensional storage **virtualization** system, Stonehenge. ... of optimizing **system resource** utilization efficiency ...

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JE Smith, R Nair - 2005 - doi.ieeecomputersociety.org

... interesting form of system **virtualization** occurs when ... different partitions, thereby improving **system resource** utilization ... benefits of hardware **isolation** are lost ...

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[Adaptive entitlement control of resource containers on shared servers](#) - [all 9 versions »](#)

X Liu, X Zhu, S Singhal, M Arlitt - Integrated Network Management, 2005. IM 2005. 2005 9th IFIP/ ..., 2005 - ieeexplore.ieee.org

... Similarly, server **virtualization** technologies [22][25 ... containers provide performance **isolation** and service ... the minimum amount of **system resource** an application ...

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[\[PDF\] A Survey of Virtualization Techniques Focusing on Secure On-Demand Cluster Computing](#) - [all 7 versions »](#)

N Kiyancilar - Arxiv preprint cs.OS/0511010, 2005 - arxiv.org

... of a running VM to provide efficient **isolation**, resource access ... 1.2 Advantages of **Virtualization** ... that the unit of abstraction of a **system resource** is inherently ...

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SNAP: A Protocol for Negotiating Service Level Agreements and Coordinating Resource Management in ... - all 33 versions »

K Czaikowski, I Foster, C Kesselman, V Sander, S ... - 8th Workshop on Job Scheduling Strategies for Parallel ..., 2002 - Springer

... 2.3 Resource **Virtualization** ... Resource **virtualization** is particularly interesting when

a TSLA schedules a job which can itself provide Grid services. ...

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[PDF] Scalable I/O Virtualization via Self-Virtualizing Devices - all 2 versions »

H Raj, K Schwan, S Agarwala, J Xenidis - cc.gatech.edu

... self-virtualizing network device reduces **system resource** utilization by ... 4]. The basis

for **virtualization** are the ... and enforce the **isolation** properties necessary ...

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Energy resource management in the virtual data center - all 3 versions »

R White, T Abels, D Inc. TX Austin - Electronics and the Environment, 2004. Conference Record. 2004 - ieeexplore.ieee.org

... combined with **virtualization-like isolation** including resource ... years ago resource

virtualization drastically changed ... a first class operating **system resource**. ...

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I-RMI: Performance **isolation** in information flow applications - all 5 versions »

MS Mansour, K Schwan - Proceedings ACM/FIP/USENIX 6th International Middleware ... - Springer

... performance **isolation** that (1) exposes **system resource** information to ... to the ability

to **isolate** service components ... and the art of **virtualization** Proceedings of ...

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[\[PDF\] Preemptive Module Replacement Using the Virtualizing Operating System - all 5 versions »](#)

T Boyd, P Dasgupta - Proc. Workshop Self-Healing, Adaptive and Self-Managed 2002 - cactus.eas.asu.edu

... API Interception Middleware Wrapper **Virtualization** Resource management ... Executive

System Level (one/system) Resource management System ... are able to **isolate** to a ...

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Key authors: B Chun - K Czaikowski - J Robin - L Peterson - D Culler



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